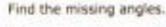


Using a protractor measure the angles in the triangles



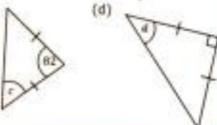


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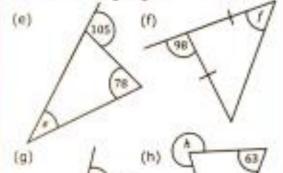
(c)

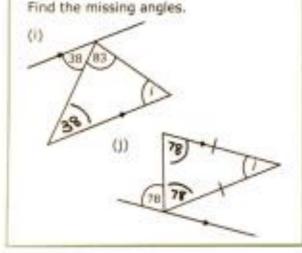






## Find the missing angles.





## The first three diagrams show two joined isosceles triangles that fit together inside a semicircle. Calculate all marked angles and write down what you notice about the shaded angle. In the final diagram, choose your own angles and test your theory. Investigating Triangles Inside Circles The shaded angle is always 90° What did you notice?

